



APPLICATION FOR UNITED STATES PATENT  
DECLARATION AND POWER OF ATTORNEY

I hereby declare, as a named inventor of the invention identified herein, that my residence, post office address and citizenship are as stated below next to my name; that I verify and believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE: SUBSTRATE FOR A PERPENDICULAR MAGNETIC RECORDING MEDIUM,  
PERPENDICULAR MAGNETIC RECORDING MEDIUM, AND MANUFACTURING METHODS THEREOF

which is described and claimed in the specification: a.    attached hereto; b. X filed 2/4/04 as U.S. Patent Appln. Serial No.                      and amended on       ; c. X identified by the Assignee as reference number 02P01513 US and assigned by my attorney ATTORNEY DOCKET NUMBER FUJI:289.

I hereby declare that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above, and hereby acknowledge the duty to disclose information of which I am aware which is material to this application for patent on the invention described in the above-identified specification in accordance with 37 C.F.R. §1.56.

I hereby claim priority benefits under 35 U.S.C. §119 based on the following foreign applications(s) filed within one year prior to this application and/or under 35 U.S.C. § 365 for the following PCT International Application:

PRIORITY: JP 2003-027486 February 4, 2003; and JP 2003-201242 July 24, 2003

The following applications for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named foreign priority application(s) ( INSERT "NONE" IF NO CORRESPONDING CASES): NONE

I hereby appoint Marc A. Rossi (Reg. No. 31,923) as my attorney of record with full power of substitution and revocation to prosecute this application, to transact all business in the Patent Office, and to insert on this document the Attorney Docket Number assigned to this application. I further direct that all correspondence in connection with this application be sent to my attorney at the address provided below:

ROSSI & ASSOCIATES  
P.O. BOX 826  
ASHBURN, VA 20146-0826  
(703) 726-6020

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(1) Inventor's Name: HIROYUKI UWAZUMI  
Given Name Middle Initial Family Name

Residence: NAGANO, JAPAN  
City State/Province Country

Mailing Address: c/o FUJI ELECTRIC DEVICE TECHNOLOGY CO., LTD., 1-11-2 OSAKI  
Street/P.O. Box  
SHINAGAWA-KU, TOKYO 141-0032, JAPAN  
City State/Province Zip Country

Citizenship: JAPANESE

Signature: Hiroyuki Uwazumi Date: February 13, 2004

ADDITIONAL INVENTORS PROVIDED ON ATTACHED PAGES YES X NO

(2) Inventor's Name: YASUSHI SAKAI  
Given Name Middle Initial Family Name  
Residence: NAGANO, JAPAN  
City State/Province Country  
Mailing Address: c/o FUJI ELECTRIC DEVICE TECHNOLOGY CO., LTD., 1-11-2 OSAKI  
Street/P.O. Box  
SHINAGAWA-KU, TOKYO 141-0032, JAPAN  
City State/Province Zip Country  
Citizenship: JAPANESE  
Signature: Yasushi Sakai Date: February 16, 2004

(3) Inventor's Name: MITSUO MASUDA  
Given Name Middle Initial Family Name  
Residence: NAGANO, JAPAN  
City State/Province Country  
Mailing Address: c/o FUJI ELECTRIC DEVICE TECHNOLOGY CO., LTD., 1-11-2 OSAKI  
Street/P.O. Box  
SHINAGAWA-KU, TOKYO 141-0032, JAPAN  
City State/Province Zip Country  
Citizenship: JAPANESE  
Signature: Mitsuo Masuda Date: February 10, 2004

(4) Inventor's Name: NORIIKO NAKAJIMA  
Given Name Middle Initial Family Name  
Residence: NAGANO, JAPAN  
City State/Province Country  
Mailing Address: c/o FUJI ELECTRIC DEVICE TECHNOLOGY CO., LTD., 1-11-2 OSAKI  
Street/P.O. Box  
SHINAGAWA-KU, TOKYO 141-0032, JAPAN  
City State/Province Zip Country  
Citizenship: JAPANESE  
Signature: Norihiro Nakajima Date: February 16, 2004